

Title (en)

MINIMALLY INVASIVE SURGICAL CLAMP HAVING TREATMENT ELEMENTS

Title (de)

MINIMAL INVASIVE CHIRURGISCHE KLEMME MIT BEHANDLUNGSELEMENTEN

Title (fr)

PINCE CHIRURGICALE MINIMALEMENT INVASIVE COMPORTANT DES ELEMENTS DE TRAITEMENT

Publication

**EP 1781190 A4 20100210 (EN)**

Application

**EP 05768217 A 20050713**

Priority

- CA 2005001095 W 20050713
- US 89036404 A 20040713
- US 45874503 A 20030610

Abstract (en)

[origin: WO2006005188A1] A medical device is provided having a means for actuating a pair of opposing jaw members. The jaw members are movable relative to one another from a first position, wherein the jaw members are disposed in a spaced apart relation relative to one another, to a second position, wherein the jaw members cooperate to grasp tissue therebetween. An ablation tool is connected to at least one of the jaws members, such that the jaw members are capable of conducting ablation energy through the tissue grasped therebetween.

IPC 8 full level

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CPC (source: EP US)

**A61B 17/2812** (2013.01 - EP US); **A61B 17/29** (2013.01 - EP US); **A61B 18/02** (2013.01 - EP US); **A61B 18/1492** (2013.01 - EP US); **A61B 5/25** (2021.01 - EP); **A61B 17/122** (2013.01 - EP US); **A61B 17/282** (2013.01 - EP US); **A61B 18/0218** (2013.01 - EP US); **A61B 2017/00026** (2013.01 - EP US); **A61B 2017/00084** (2013.01 - EP US); **A61B 2017/00243** (2013.01 - EP US); **A61B 2017/00738** (2013.01 - EP US); **A61B 2017/2905** (2013.01 - EP US); **A61B 2017/2931** (2013.01 - EP US); **A61B 2017/2944** (2013.01 - EP US); **A61B 2018/00791** (2013.01 - EP US); **A61B 2018/00839** (2013.01 - EP US); **A61B 2018/00875** (2013.01 - EP US); **A61B 2018/0212** (2013.01 - EP US); **A61B 2018/0225** (2013.01 - EP US); **A61B 2018/0262** (2013.01 - EP US); **A61B 2018/1465** (2013.01 - EP US)

Citation (search report)

- [X] US 6102909 A 20000815 - CHEN CHAO [US], et al
- [XD] US 6517536 B2 20030211 - HOOVEN MICHAEL D [US], et al
- [X] US 2002120267 A1 20020829 - PHAN HUY D [US]
- [X] US 2002082593 A1 20020627 - HAREYAMA NORIHIKO [JP], et al
- See references of WO 2006005188A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006005188 A1 20060119**; AT E521294 T1 20110915; CA 2536201 A1 20041210; CA 2536201 C 20121211; CA 2573181 A1 20060119; CA 2573181 C 20100119; EP 1706053 A2 20061004; EP 1781190 A1 20070509; EP 1781190 A4 20100210; EP 1781190 B1 20130403; EP 2189126 A1 20100526; EP 2189126 B1 20110824; US 2004254607 A1 20041216; US 2005043729 A1 20050224; US 7044946 B2 20060516; US 7347856 B2 20080325; WO 2006032951 A2 20060330; WO 2006032951 A3 20060810; WO 2006032951 A8 20060713

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